

CLAIMS

What is claimed is:

1. A computer, comprising:
a computer body having a mounting receptacle in which a first hard disk drive is detachably accommodated ; and
a hard disk drive adapter detachably accommodating a second hard disk drive smaller than the first hard disk drive, and the mounting receptacle receiving the hard disk drive adapter instead of the first hard disk drive when the second hard disk drive is to be installed in the computer.
2. The computer according to claim 1, wherein the hard disk drive adapter comprises:
a supporting frame into which the second hard disk drive is placed;
hooks provided in respective corners of the supporting frame onto which the second hard disk drive is hung ; and
extension parts extended outward from the respective corners of the supporting frame corresponding to each of the hooks.
3. The computer according to claim 2, wherein the mounting receptacle is formed as a cavity in an underside of the computer body.
4. The computer according to claim 3, further comprising a door detachably attached to the computer body to open and close the mounting receptacle.
5. The computer according to claim 1, further comprising a plurality of rubber members adhering to an inner circumference of the mounting receptacle.
6. The computer according to claim 1, wherein the first hard disk drive is a 2.5-inch hard disk drive, and the second hard disk drive is a 1.8-inch hard disk drive.

7. The computer according to claim 1, wherein the mounting receptacle is adapted to the first hard disk drive, and the hard disk drive adapter is adapted to the second hard disk drive.

8. A hard disk drive adapter for a computer having a hard disk drive mounting receptacle to detachably accommodate a first hard disk drive, the hard disk drive adapter comprising:

a supporting frame into which a second hard disk drive smaller than the first hard disk drive is placed;

hooks provided in respective corners of the supporting frame that hold onto the second hard disk drive when the hard disk drive adapter is turned over for insertion into the mounting receptacle; and

extension parts extending outward from the respective corners of the supporting frame to fit the hard disk drive adapter into the mounting receptacle.

9. The hard disk drive adapter according to claim 8, wherein the mounting receptacle is adapted to the first hard disk drive, and the hard disk drive adapter is adapted to the second hard disk drive.

10. The hard disk drive adapter according to claim 8, wherein the supporting frame has a rectangular shape and further comprises:

a bottom part onto which the second hard disk drive is mounted;
a widthwise sidewall extending upward from one side of the bottom part; and
lengthwise sidewalls extending upward from each side of the bottom part adjacent to the widthwise sidewall.

11. The hard disk drive adapter according to claim 10, wherein each hook extends upward from the lengthwise sidewalls and the extension parts extend outward from the lengthwise sidewalls.

12. The hard disk drive adapter according to claim 11, wherein the extension parts contact sidewalls of the mounting receptacle.

13. A method of using a hard disk drive adapter to replace a first hard disk drive with a smaller second hard disk drive in a computer having a hard disk drive mounting receptacle that detachably accommodates the first hard disk drive, the hard disk drive adapter having a supporting frame, hooks in respective corners of the supporting frame, and extension parts extending from the respective corners of the supporting frame, the method comprising:

removing the first hard disk drive from the mounting receptacle;

placing the second hard disk drive in the hard disk drive adapter by

inserting the second hard disk drive into the supporting frame under the hooks, and

turning over the hard disk drive adapter, the second hard disk drive hanging from the hooks when the hard disk drive adapter is turned over; and

placing the hard disk drive adapter into the mounting receptacle, the extension parts fitting the hard disk drive adapter into the mounting receptacle.